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(54) HIGH DENSITY STORAGE TYPE OPTICAL FIBER CABLE

(57) Abstract:

PURPOSE: To improve the productivity, safety, and operability by coating an optical fiber core cylindrically with an adhesive plastic tape, and heat-welding the external adhesive surface of the adhesive plastic tape with synthetic resin for one-body coating.

CONSTITUTION: The tape type optical fiber core 1 is covered cylindrically with the adhesive plastic tape 4. The adhesive plastic tape 4 is formed by laminating an adhesive film 4b on a plastic tape 4a in one body by heat welding. Further, end parts A of the plastic tape 4 are superposed lengthwise one over another and the low-strength part which is formed at the conventional butting part B is eliminated. Then the adhesive plastic tape 4 is formed cylindrically with the adhesive film 4b outside and the surface of the adhesive film 4b is coated with the synthetic resin.

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